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PTO/SB/21 (01-03)  
Approved for use through 9/30/00. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

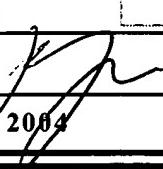
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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>		Application / Conf. No.	09/991,410 / 3711
Mail Stop: AMENDMENT		Filing Date	November 16, 2001
Express Mail Receipt No.		First Named Inventor	Nigel G. Herron
		Examiner Name	David Ton
		Art Unit	2133
Total Number of Pages in This Submission		Patent No.	
		Attorney Docket Number	X-915 US

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DEC 21 2004  
Technology Center 2000

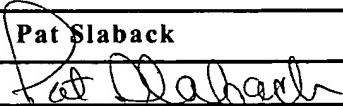
ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Amendment / Reply <ul style="list-style-type: none"> <li><input type="checkbox"/> Preliminary Amendment</li> <li><input type="checkbox"/> After Final</li> <li><input type="checkbox"/> Affidavit(s)/declaration(s)</li> </ul> <ul style="list-style-type: none"> <li><input type="checkbox"/> Extension of Time Request</li> <li><input type="checkbox"/> Change Status to LARGE ENTITY</li> <li><input type="checkbox"/> Express Abandonment Request</li> <li><input type="checkbox"/> Information Disclosure Statement</li> <li><input type="checkbox"/> Substitute PTO-1449(s), IDS by Applicant (PTO/SB/08A)</li> <li><input type="checkbox"/> Certified Copy of Priority Document(s)</li> <li><input type="checkbox"/> Response to Missing Parts/ Incomplete Application           <ul style="list-style-type: none"> <li><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53</li> </ul> </li> </ul>	<input type="checkbox"/> Assignment Papers (with Recordation Cover Sheet) <input type="checkbox"/> Declaration / Oath <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition - <input type="checkbox"/> To Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="text"/> Remarks		

#### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

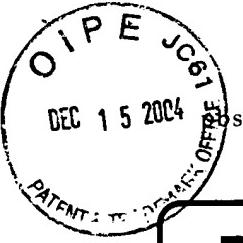
Firm or Customer Number	24309 (Customer Number)	Reg. Number 37,652
Attn:	Kim Kanzaki	
Signature		
Date	January 13, 2004	Charge any additional fees required/credit any overpayment to our Deposit Account Number: 24-0040

#### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on this date December 13, 2004

Typed or Printed Name	Pat Slaback		
Signature			
	Date	January 13, 2004	

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.



PTO/SB/17 (10-02)

Approved for use through 10-31-2002. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT (\$ 120.00)

Complete if Known

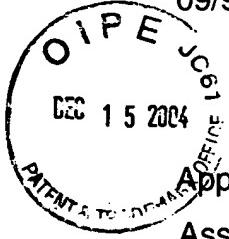
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Filing Date	November 16, 2001	
First Named Inventor	Nigel G. Herron	
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Art Unit	2133	
Attorney Docket No.	X-915 US	

METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																																																																																																																																																											
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees, any additional fees required, and credit any over payments to:  <input checked="" type="checkbox"/> Deposit Account <div style="border: 1px solid black; padding: 2px; display: inline-block;">24-0040</div> Deposit Account Number <input checked="" type="checkbox"/> Deposit Account Name <div style="border: 1px solid black; padding: 2px; display: inline-block;">XILINX, INC.</div>				<b>3. ADDITIONAL FEES</b> <table border="1"> <thead> <tr> <th>Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>Extension for reply within first month</td><td>\$120</td></tr> <tr><td>1252</td><td>430</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>950</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1,530</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>2,080</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>340</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>340</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>300</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,370</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>1,370</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td>790</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>790</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>790</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr> <td colspan="4">Other fee (specify) _____</td> </tr> <tr> <td colspan="2">SUBTOTAL (1)</td> <td colspan="2">(\$)</td> </tr> <tr> <td colspan="2">2. 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Claims</td> <td>- 3** =</td> <td>X</td> <td>= Fee Paid</td> </tr> <tr> <td>Multiple Dependent Claims</td> <td></td> <td>X</td> <td>=</td> </tr> <tr> <td colspan="4">**or number previously paid, if greater; For Reissues, see below</td> </tr> <tr> <td colspan="4">Large Entity</td> </tr> <tr> <td>Fee Code</td> <td>Fee (\$)</td> <td colspan="2">Fee Description</td> </tr> <tr> <td>1202</td> <td>18</td> <td colspan="2">Claims in excess of 20</td> </tr> <tr> <td>1201</td> <td>86</td> <td colspan="2">Independent claims in excess of 3</td> </tr> <tr> <td>1203</td> <td>290</td> <td colspan="2">Multiple dependent claim, if not paid</td> </tr> <tr> <td>1204</td> <td>86</td> <td colspan="2">**Reissue independent claims over original patent</td> </tr> <tr> <td>1205</td> <td>18</td> <td colspan="2">**Reissue claims in excess of 20 and over original patent</td> </tr> <tr> <td colspan="2">SUBTOTAL (2)</td> <td colspan="2">(\$)</td> </tr> <tr> <td colspan="4">*Reduced by Basic Filing Fee Paid</td> </tr> <tr> <td colspan="4">SUBTOTAL (3) (\$ 120.00)</td> </tr> </tbody> </table>				Code	Fee (\$)	Fee Description	Fee Paid	1051	130	Surcharge - late filing fee or oath		1052	50	Surcharge - late provisional filing fee or cover sheet		1812	2,520	For filing a request for ex parte reexamination		1804	920*	Requesting publication of SIR prior to Examiner action		1805	1,840*	Requesting publication of SIR after Examiner action		1251	110	Extension for reply within first month	\$120	1252	430	Extension for reply within second month		1253	950	Extension for reply within third month		1254	1,530	Extension for reply within fourth month		1255	2,080	Extension for reply within fifth month		1401	340	Notice of Appeal		1402	340	Filing a brief in support of an appeal		1403	300	Request for oral hearing		1451	1,510	Petition to institute a public use proceeding		1452	110	Petition to revive - unavoidable		1453	1,370	Petition to revive - unintentional		1501	1,370	Utility issue fee (or reissue)		1460	130	Petitions to the Commissioner		1807	50	Petitions related to provisional applications		1806	180	Submission of Information Disclosure Stmt		8021	40	Recording each patent assignment per property (times number of properties)		1809	790	Filing a submission after final rejection (37 CFR 1.129(a))		1810	790	For each additional invention to be examined (37 CFR 1.129(b))		1801	790	Request for Continued Examination (RCE)		Other fee (specify) _____				SUBTOTAL (1)		(\$)		2. 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SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	Kim Kanzaki	Registration No. (Attorney/Agent)	37,652	Telephone 408-879-6149
Signature				Date 12-13-2004

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, P.O. Box 1450, Alexandria, Virginia, 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia, 22313-1450.

X-915 US  
09/991,410



2130  
PATENT  
Conf.No.: 3711  
41

IN THE UNITED STATES PATENT OFFICE

Applicants: Nigel G. Herron et al.  
Assignee: Xilinx, Inc.  
Title: Apparatus for Testing an Interconnecting Logic Fabric  
  
Serial No.: 09/991,410 File Date: 11-16-01  
Examiner: David Ton Art Unit: 2133  
Docket No.: X-915 US Conf. No.: 3711

Mail Stop AMENDMENT  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

AMENDMENT IN RESPONSE TO FIRST OFFICE ACTION

Dear Sir:

In response to the First Office Action mailed from the Patent Office on August 11, 2004, please replace/substitute the following paragraph(s)/section(s)/claim(s) as indicated.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 6 of this paper.

12/16/2004 MBEYENE1 00000030 240040 09991410

01 FC:1251 120.00 DA

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